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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Use as many sheets as necessary)</small>		Application Number	10/541,182
		Filing Date	01/07/2004
		First Named Inventor	David L. Kaplan
		Art Unit	1657
		Examiner Name	K.C. Srivastava
		Attorney Docket Number	700355-053462

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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1 of 1

U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)						
/K.S./	B1	WO 01/54667	A1 08/02/2001	Smithkline Beecham Corporation				
/K.S./	B2	WO 01/80921	A2 11/01/2001	Emory University				
		C						
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Examiner Signature /Kailash C. Srivastava/ Date Considered 07/03/2009

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Sheet

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## Complete if Known

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Attorney Docket Number

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Reference	CP	ANTHANASIOU, ET AL., "Sterilization, toxicity, biocompatibility and clinical applications of poly(lactic acid/poly(glycolic acid copolymers," Biomaterials, 1996, Vol. 17 (No. ), p. 93-102,	
Not of	C2	BOGNITZKI, ET AL., "Nanostructured Fibers via Electrospinning," Adv Mater, 2001, Vol. 13 (No. 1), p. 70-72,	
Record	C3	BOLAND, ET AL., "Electrospinning of Tissue Engineering Scaffolds, Polymeric Materials: Science & Engineering, 2001, Vol. 85 (No. ), p. 51-52,	
in	C4	CATERSON, ET AL., "Three-dimensional cartilage formulation by bone marrow-derived cells seeded in poly(lactide/alginate amalgam," Biomed Mater Res 2001, Vol. 57 (No. ), p. 394-403,	
file	C5	DAL PRA, ET AL., "Silk Fibron-Coated Three-Dimensional Polyurethane Scaffolds for Tissue Engineering: Interactions with Normal Human Fibroblasts," Tissue Engineering, 2003, Vol. 9 (No. 6), p. 1113-1121,	
	C6	DOSHI, ET AL., "Electrospinning Process and Applications of Electrospun Fibers," Journal of Electrostatics, 1995, Vol. 35 (No. ), p. 151-160,	
	C7	HOLY, ET AL., "Use of a biomimetic strategy to engineer bone," J Biomed Mater Res, 2003, Vol. 65A (No. ), p. 447-453,	
	C8	HUTMACHER, "Scaffolds in tissue engineering bone and cartilage," Biomaterials, 2000, Vol. 21 (No. ), p. 2529-2543,	
	C9	JIN, ET AL., "Electrospinning Bombyx mori Silk with Poly(ethylene oxide)," Polymer Preprints (American Chemical Society, Division of Polymer Chemistry), 2002, Vol. 43 (No. 2), p. 743-744,	
	C10	KARP, ET AL., "Fabrication of Precise Cylindrical Three-Dimensional Tissue Engineering Scaffolds for In Vitro and In Vivo Bone Engineering Applications," The Journal of Craniofacial Surgery, 2003, Vol. 14 (No. 3), p. 317-323,	

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Sheet 2 of 2

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References	C11	LI, ET AL., "Study on Porous Silk Fibroin Materials. I. Fine Structure of Freeze Dried Silk Fibroin," J Appl Polym Sci, 2001, Vol. 79 (No. ), p. 2185-2191,	
Not of Record	C12	MARTIN, ET AL., "Selective differentiation of mammalian bone marrow stromal cells cultured on three-dimensional polymer foams," J Biomed Mater Res, 2001, Vol. 55 (No. ), p. 229-235,	
in file	C13	NAM, ET AL., "Morphology of Regenerated Silk Fibroin: Effects of Freezing Temperature, Alcohol Addition, and Molecular Weight," J Appl Polym Sci, 2001, Vol. 81 (No. ), p. 3008-3021,	
	C14	OHGUSHI, ET AL., "Calcium Phosphate Block Ceramic With Bone Marrow Cells in a Rat Long Bone Defect," CRC Handbook of Bioactive Ceramics, Vol. II (No. ), p. 235-238,	
	C15	PEREZ-RIGUEIRO, "Silkworm Silk as an Engineering Material," J Appl Plym Sci, 1998, Vol. 70 (No. ), p. 2439-2447,	
	C16	PETITE, ET AL., "Tissue-engineered bone regeneration," Nature Biotechnology, 2000, Vol. 18 (No. ), p. 959-963,	
	C17	SOFIA, ET AL., "Functionalized silk-based biomaterials for bone formation," J Biomed Mater Res, 2000, Vol. 54 (No. ), p. 139-148,	
	C18	STITZEL, ET AL., "Atrial Smooth Muscle Cell Proliferation on a Novel Biomimicking, Biodegradable Vascular Graft Scaffold," J Biomater Appl, 2001, Vol. 16 (No. ), p. 22-33,	
	C19	ZARKOOB, "Structure and Morphology of Regenerated Silk Nano-Fibers Produced by Electrospinning," A Dissertation Presented to The Graduate Faculty of the University of Akron, August 1998,	
	C20	ZARKOOB, "Structure and Morphology of Nano Electrospun Silk Fibers," Polymer Preprints (American Chemical Society, Division of Polymer Chemistry), 1998, Vol. 39 (No. 2), p. 244-245	

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